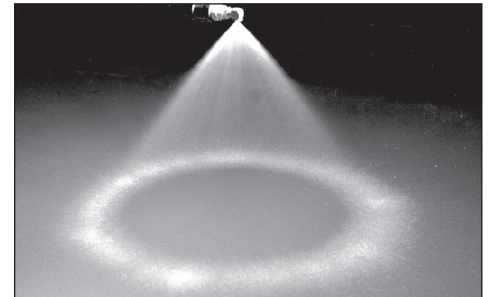
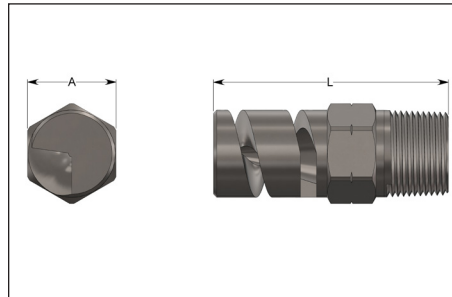




YH SERIES SPRAY NOZZLES

HOLLOW CONE • THREADED CONNECTION



SPRAY CHARACTERISTICS:

A hollow cone spray pattern with large flow rates and small droplet sizes. The twister design allows small solids to pass through the nozzle without clogging the orifice.

CONSTRUCTION:

Durable, one-piece, anti-clog design has no internal vane to clog or wear out. All models are machined from solid bar stock.

TYPICAL APPLICATIONS:

- Air and Gas Applications
- Dust Suppression
- Spray Ponds
- Cooling Tunnels
- Medical Treatment
- Humidification

Model	Spray Angle	Orifice Dia.	Dimensions		Capacities at Various Pressures LPM									
			"A"	"L"	0.3 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	5 bar	10 bar	20 bar
1/4YH5007	50°	2.39	14.3	30.2	1.75	2.26	2.67	3.2	3.9	4.5	5.5	7.1	10.1	14.3
1/4YH5013	50°	3.18	14.3	30.2	3.2	4.2	5.0	5.9	7.3	8.4	10.3	13.2	18.7	26.5
1/4YH5020	50°	3.96	14.3	30.2	5.0	6.4	7.6	9.1	11.2	12.9	15.8	20.4	28.8	41
3/8YH5030	50°	4.78	17.5	54	7.5	9.7	11.4	13.7	16.7	19.3	23.7	30.6	43	61
3/8YH5040	50°	5.56	17.5	54	10.0	12.9	15.3	18.2	22.3	25.8	31.6	41	58	82
3/8YH5053	50°	6.35	17.5	54	13.2	17.1	20.2	24.2	29.6	34	42	54	76	108
3/8YH5082	50°	7.95	17.5	54	20.5	26.4	31.3	37	46	53	65	84	118	167
1/2YH50120	50°	9.53	22.2	64	30.0	39	46	55	67	77	95	122	173	245
1/2HY50164	50°	11.11	22.2	64	41	53	63	75	92	106	129	167	236	334
3/4YH50210	50°	12.70	27.0	73	30.0	39	46	55	67	77	95	122	173	245
1/4YH6007	60°	2.39	14.3	30.2	1.75	2.26	2.67	3.2	3.9	4.5	5.5	7.1	10.1	14.3
1/4YH6013	60°	3.18	14.3	30.2	3.2	4.2	5.0	5.9	7.3	8.4	10.3	13.2	18.7	26.5
1/4YH6020	60°	3.96	14.3	30.2	5.0	6.4	7.6	9.1	11.2	12.9	15.8	20.4	28.8	41
3/8YH6030	60°	4.78	17.5	54	7.5	9.7	11.4	13.7	16.7	19.3	23.7	30.6	43	61
3/8YH6040	60°	5.56	17.5	54	10.0	12.9	15.3	18.2	22.3	25.8	31.6	41	58	82
3/8YH6053	60°	6.35	17.5	54	13.2	17.1	20.2	24.2	29.6	34	42	54	76	108
3/8YH6082	60°	7.95	17.5	54	20.5	26.4	31.3	37	46	53	65	84	118	167
1/2YH60120	60°	9.53	22.2	64	30.0	39	46	55	67	77	95	122	173	245
1/2YH60164	60°	11.11	22.2	64	41	53	63	75	92	106	129	167	236	334
3/4YH60210	60°	12.70	27.0	73	30.0	39	46	55	67	77	95	122	173	245
1YH60340	60°	15.88	35	94	85	110	130	155	190	219	268	347	490	693
1YH60470	60°	19.05	35	94	117	151	179	214	262	303	371	479	677	958

* TABLE CONTINUES ON FOLLOWING PAGE



YH SPRAY NOZZLE SPECIFICATIONS
HOLLOW CONE • THREADED CONNECTION

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Model	Spray Angle	Orifice Dia.	Dimensions		Capacities at Various Pressures LPM									
			"A"	"L"	0.3 bar	0.5 bar	0.7 bar	1 bar	1.5 bar	2 bar	3 bar	5 bar	10 bar	20 bar
1/4YH9007	90°	2.39	14.3	30.2	1.75	2.26	2.67	3.2	3.9	4.5	5.5	7.1	10.1	14.3
1/4YH9013	90°	3.18	14.3	30.2	3.2	4.2	5.0	5.9	7.3	8.4	10.3	13.2	18.7	26.5
1/4YH9020	90°	3.96	14.3	30.2	5.0	6.4	7.6	9.1	11.2	12.9	15.8	20.4	28.8	41
3/8YH9030	90°	4.78	17.5	54	7.5	9.7	11.4	13.7	16.7	19.3	23.7	30.6	43	61
1/4YH9038	90°	5.38	17.5	33	9.5	12.2	14.5	17.3	21.2	24.5	30.0	39	55	77
3/8YH9040	90°	5.56	17.5	54	10.0	12.9	15.3	18.2	22.3	25.8	31.6	41	58	82
3/8YH9053	90°	6.35	17.5	54	13.2	17.1	20.2	24.2	29.6	34	42	54	76	108
3/8YH9082	90°	7.95	17.5	54	20.5	26.4	31.3	37	46	53	65	84	118	167
1/2YH90120	90°	9.53	22.2	64	30.0	39	46	55	67	77	95	122	173	245
1/2YH90164	90°	11.11	22.2	64	41	53	63	75	92	106	129	167	236	334
3/4YH90210	90°	12.70	27.0	73	52	68	80	96	117	135	166	214	303	428
1YH90340	90°	15.88	35	94	85	110	130	155	190	219	268	347	490	693
1YH90470	90°	19.05	35	94	117	151	179	214	262	303	371	479	677	958
1/4YH12007	120°	2.39	14.3	30.2	1.75	2.26	2.67	3.2	3.9	4.5	5.5	7.1	10.1	14.3
1/4YH12013	120°	3.18	14.3	30.2	3.2	4.2	5.0	5.9	7.3	8.4	10.3	13.2	18.7	26.5
1/4YH12020	120°	3.96	14.3	30.2	5.0	6.4	7.6	9.1	11.2	12.9	15.8	20.4	28.8	41
3/8YH12030	120°	4.78	17.5	54	7.5	9.7	11.4	13.7	16.7	19.3	23.7	30.6	43	61
3/8YH12040	120°	5.56	17.5	54	10.0	12.9	15.3	18.2	22.3	25.8	31.6	41	58	82
3/8YH12053	120°	6.35	17.5	54	13.2	17.1	20.2	24.2	29.6	34	42	54	76	108
3/8YH12082	120°	7.95	17.5	54	20.5	26.4	31.3	37	46	53	65	84	118	167
1/2YH120120	120°	9.53	22.2	64	30.0	39	46	55	67	77	95	122	173	245
1/2YH120164	120°	11.11	22.2	64	41	53	63	75	92	106	129	167	236	334
3/4YH120210	120°	12.70	27.0	73	30.0	39	46	55	67	77	95	122	173	245
1YH120340	120°	15.88	35	94	85	110	130	155	190	219	268	347	490	693
1YH120470	120°	19.05	35	94	117	151	179	214	262	303	371	479	677	958
1/4YH18007	180°	2.39	35	30.2	1.75	2.26	2.67	3.2	3.9	4.5	5.5	7.1	10.1	14.3
1/4YH18013	180°	3.18	14.3	48	3.2	4.2	5.0	5.9	7.3	8.4	10.3	13.2	18.7	26.5
1/4YH18020	180°	3.96	14.3	30.2	5.0	6.4	7.6	9.1	11.2	12.9	15.8	20.4	28.8	41
3/8YH18030	180°	4.78	17.5	54	7.5	9.7	11.4	13.7	16.7	19.3	23.7	30.6	43	61
3/8YH18040	180°	5.56	17.5	54	10.0	12.9	15.3	18.2	22.3	25.8	31.6	41	58	82
3/8YH18053	180°	6.35	17.5	54	13.2	17.1	20.2	24.2	29.6	34	42	54	76	108
3/8YH18082	180°	7.95	17.5	54	20.5	26.4	31.3	37	46	53	65	84	118	167
1/2YH180120	180°	9.53	22.2	64	30.0	39	46	55	67	77	95	122	173	245
1/2YH180164	180°	11.11	22.2	64	41	53	63	75	92	106	129	167	236	334
3/4YH180210	180°	12.70	27.0	73	30.0	39	46	55	67	77	95	122	173	245
1YH180340	180°	15.88	35	94	85	110	130	155	190	219	268	347	490	693
1YH180470	180°	19.05	35	94	117	151	179	214	262	303	371	479	677	958